

# *Chem-Impex International, Inc.*

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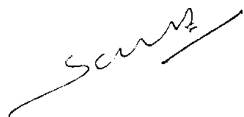
Wood Dale, IL 60191

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## Certificate of Analysis

<b>Catalog Number</b>	06459
<b>Product Name</b>	Z-DL-Asp-OH Z-DL-aspartic acid
<b>Lot Number</b>	06459-042705-1
<b>Molecular Formula</b>	C <sub>12</sub> H <sub>13</sub> NO <sub>6</sub>
<b>Molecular Weight</b>	267.2
<b>Appearance</b>	White powder
<b>Melting Point</b>	114-117 °C
<b>HPLC purity</b>	>99%
<b>Storage</b>	Store at 0-8 °C.
<b>Remarks</b>	See material safety data sheets for additional information. For laboratory use only.

The foregoing is a copy of the Certificate of Analysis as provided by our supplier



**Sashi Kumar**  
Quality Control Manager

## HPLC Conditions

<b>Column</b>	Beckman Ultrasphere 5 $\mu$ m, 250x4.6 mm, 150 Å
<b>Guard Column</b>	Supel Guard LC-18-DB, 2 cm
<b>Retention Time, min</b>	18.60
<b>Sample preparation</b>	5 mg/1 ml 50% Acetonitrile/Water
<b>Injection volume, <math>\mu</math>l</b>	5
<b>Method /Detection at, nm</b>	<b>Gradient</b>
	30-80% B
	A = 99.9% Water, 0.1% TFA
	B = 95% Acetonitrile, 4.9% Water, 0.1% TFA
	30 min, flow rate = 1.0 ml / min

**Boc / 210**